

Converting Colors

$Yxy(67.5944, 0.3297, 0.3335)$

Have a look what the booklet for
Yxy(67.5944, 0.3297, 0.3335)
contains.

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Color

Yxy(67.7515, 0.3291, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	E5D3CF
RGB	229, 211, 207
RGB Percent	90%, 83%, 81%
CMY	0.1018, 0.1726, 0.1882
CMYK	0.00, 0.08, 0.10, 0.10
HSL	11°, 30%, 85%
HSV	11°, 10%, 90%
XYZ	66.8777, 67.7515, 68.5847
YIQ	215.9260, 12.0120, 2.5720

Conversions

Conversions Part 2

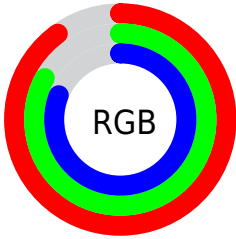
Format	Color
R _Y B	229, 212, 207
Decimal	15061967
CIE Lab	85.88, 5.57, 4.22
CIE LCh	86, 6.986, 37.118
Yxy	67.7515, 0.3291, 0.3334
Android (android.graphics.Color)	4293252047 (0xFFE5D3CF)
YUV	215.9260, -4.4005, 11.4659
Hunter-Lab	82.3113, 0.9859, 8.2154

Details

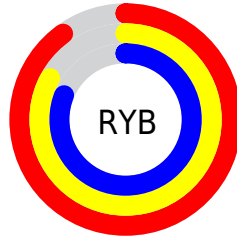
The Yxy color **67.7515, 0.3291, 0.3334** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.7978, 0.2979, 0.3246**, and the grayscale version is **68.6450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.2981, 0.3323, 0.3348** is the 20% darker color. If you saturate the color by 10%, you get **57.9337, 0.3497, 0.3383**, and if you desaturate by 10%, it is **78.8249, 0.3121, 0.3288**.

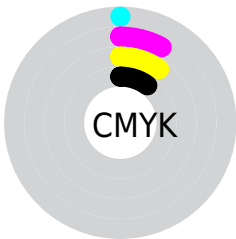
Distribution



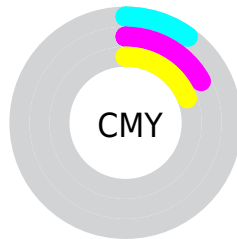
- Red (90%)
- Green (83%)
- Blue (81%)



- Red (90%)
- Yellow (83%)
- Blue (81%)



- Cyan (0%)
- Magenta (8%)
- Yellow (10%)
- Black (10%)





- Cyan (10%)
- Magenta (17%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.7515, 0.3291, 0.3334 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 67.7515, 0.3291, 0.3334 by changing the saturation by 10% instead.


 67.7515, 0.3291,
0.3334

 67.7515, 0.3291,
0.3334


452.6151, 0.3214,
0.3314

 49.6956, 0.3309,
0.3339


115.9966, 0.3264,
0.3327

 35.1716, 0.3331,
0.3344


146.9545, 0.3254,
0.3324

 23.7951, 0.3360,
0.3351


182.9820, 0.3245,
0.3322

 15.1817, 0.3398,
0.3360

224.4633, 0.3237,
0.3320

 8.9470, 0.3451,
0.3372

271.7828, 0.3230,
0.3318

 4.7066, 0.3529,
0.3390

325.3251, 0.3224,

 2.0762, 0.3657,

0.3317

0.3415

385.4743, 0.3219,
0.3315

0.6512, 0.4147,
0.3577

0.0000, 0.0000,
0.0000

67.7515, 0.3291,
0.3334

67.7515, 0.3291,
0.3334

57.9337, 0.3497,
0.3383

78.8249, 0.3121,
0.3288

49.3182, 0.3747,
0.3434

91.1867, 0.2981,
0.3246

41.8614, 0.4046,
0.3484

95.4036, 0.2970,
0.3290

35.5133, 0.4397,
0.3530

■ 30.2204, 0.4795,
0.3563

■ 25.9248, 0.5219,
0.3576

■ 22.5627, 0.5630,
0.3560

■ 20.0626, 0.5977,
0.3511

■ 18.3366, 0.6220,
0.3439

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.7515, 0.3246, 0.3258



67.7515, 0.3291, 0.3334



67.7515, 0.3291, 0.3399

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.7515, 0.3291, 0.3334



67.7515, 0.3084, 0.3392



67.7515, 0.3008, 0.3146

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



67.7515, 0.3291, 0.3334



72.7978, 0.2979, 0.3246

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.7515, 0.2966, 0.3179



67.7515, 0.3291, 0.3334



67.7515, 0.3009, 0.3321

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.7515, 0.3291, 0.3334



67.7515, 0.3171, 0.3434



67.7515, 0.2966, 0.3243



67.7515, 0.3082, 0.3151

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.7515, 0.3291, 0.3334



67.7515, 0.3266, 0.3428



67.7515, 0.2966, 0.3243



67.7515, 0.2989, 0.3153

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



67.7545, 0.3291, 0.3334



95.5854, 0.3175, 0.3303



66.7465, 0.3164, 0.3093



20.2121, 0.3189, 0.3307



0.0000, 0.0000, 0.0000



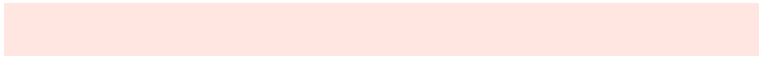
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.7545, 0.3291, 0.3334



83.2263, 0.3338, 0.3346



73.2467, 0.3278, 0.3449



14.7882, 0.3288, 0.3333



10.5758, 0.6206, 0.3454



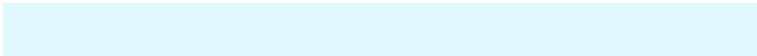
0.9044, 0.5940, 0.3666

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



72.7978, 0.2979, 0.3246



91.1645, 0.2942, 0.3234



67.1934, 0.2978, 0.3126



15.8688, 0.2981, 0.3246



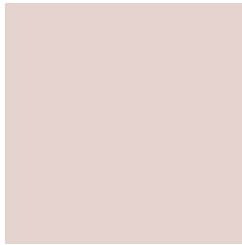
23.8406, 0.2084, 0.2702



1.8779, 0.2110, 0.2797

Previews

White Background



This preview shows how the Yxy color 67.7515, 0.3291, 0.3334 looks on a white background.

Color Contrast Check

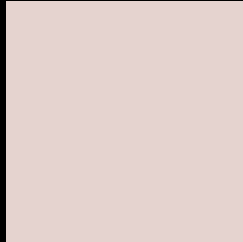
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 67.7515, 0.3291, 0.3334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

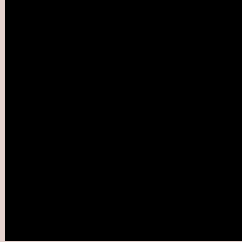
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

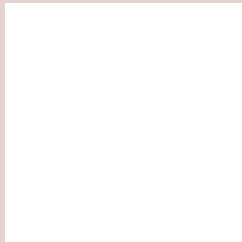
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.7515, 0.3291, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 67.7515, 0.3291, 0.3334.

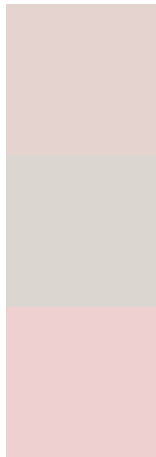


This preview shows how white text looks on a background with the Yxy color 67.7515, 0.3291, 0.3334.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

67.7515, 0.3291, 0.3334

Protanopia

67.9122, 0.3206, 0.3346

Deuteranopia

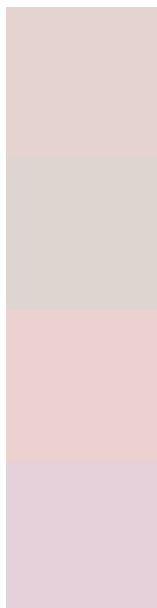
67.8430, 0.3357, 0.3291



Tritanopia

67.5369, 0.3180, 0.3108

Trichromacy



Original Color

67.7515, 0.3291, 0.3334

Protanomaly

67.8305, 0.3236, 0.3346

Deuteranomaly

67.8172, 0.3332, 0.3301

Tritanomaly

67.4859, 0.3222, 0.3193

Monochromacy



Original Color

67.7515, 0.3291, 0.3334

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.2694, 0.3185, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.7515, 0.3291, 0.3334 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(229, 211, 207)` looks like.

```
.text, #text, p{  
    color:rgb(229, 211, 207)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(229, 211, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 211, 207) }
```

Border

The CSS property to change the border of an element to Yxy 67.7515, 0.3291, 0.3334 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(229, 211, 207) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(229, 211, 207) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(229, 211, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 211, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 211, 207);  
box-shadow:4px 4px 4px 4px rgb(229, 211,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 67.7515, 0.3291, 0.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 211, 207) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(229,  
211, 207) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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